IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

In re Application of:	)	
	)	
Jonathan J. Hull, et al.	)	Examiner: Ke, Peng
	)	
Application No.: 09/532,412	)	Art Unit: 2174
	)	
Filed: March 22, 2000	)	Confirmation No.: 8317
	)	
For: MELDED USER INTERFACES	)	
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Mail Stop Appeal Brief- Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF
NON-COMPLIANT APPEAL BRIEF (37 CFR 41.37)

In the notice of non-compliant dated July 11, 2008, the summary of subject matter

was objected. In this response, a revised summary section has been submitted herein.

Applicant does not believe there is a fee for this transaction but the Examiner is hereby authorized to credit or charge any overpayment or shortage to our Deposit Account No. 02-2666 for any charges that may be due. Furthermore, if an extension is required, then Appellant hereby requests such extension.

Respectfully submitted,

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V. SUMMARY OF CLAIMED SUBJECT MATTER

Appellant's invention as claimed in claims 1-40 is directed to a method and apparatus for melding user interfaces. Melded user interfaces combines the user interfaces of two or more applications and does not require the cooperation or acquiescence from the applications. Using melded user interfaces, the screen layout (e.g., base layout) corresponding to the user interface of one application may be used by one or more other applications to display data associated with that application.

Independent claim 1 claims a method including: extracting a first data from a display buffer, the first data being generated by a first application and being associated with a user interface from the first application (Specification, page 12, lines 6-7; Fig. 1B); recognizing a layout from the first data (Specification, page 12, lines 7-11; page 14, lines 17-27; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B); and using the layout to create an overlay to display a second data generated by a second application (Specification, page 12, lines 19-24; page 14, lines 7-14; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B), where there is no direct link between the first application and the second application and the first data is extracted from the display buffer without cooperation of the first application at runtime (Specification, page 10, lines 2-7). Independent claims 9 and 17 claim the invention as a computer readable medium and a system respectively.

Dependent claim 2 claims a limitation in which recognizing the layout comprises performing a pattern recognition operation on the first data to create the layout (Specification, page 12, lines 5-18; page 14, lines 17-27). Claims 10 and 18 include the similar limitations.

Dependent claim 3 claims a limitation in which using the layout to create the overlay comprises determining an overlay location on the layout to place the second data based on known information about the layout; generating the overlay of the layout; placing the second data in the overlay; and merging the overlay with the layout (Specification, page 12, lines 19-24; page 14, lines 3-16). Claims 11 and 19 include the similar limitations.

Dependent claim 6 claims limitations of writing the overlay in the display buffer such that the second data is displayed at the overlay location without changing sections of the first data outside of the overlay location; displaying information in the display buffer; and interacting with the second application through the second data at the overlay location (Specification, page 15, lines 1-14). Claims 14 and 22 include the similar limitations.

Dependent claim 8 claims a limitation in which the first application runs independently from the second application (Specification, page 10, lines 1-7). Claims 16 and 24 include the similar limitations.

Independent claim 25 claims a method including: modifying data in a display buffer that is generated by a first application with data generated by a second application without cooperation of the first application at runtime, the first application running independently from the second application (Specification, page 10, lines 2-7); and receiving input in response to user interactions with the second application through a user interface associated with the data generated by the first application, where the data generated by the second application is placed in a location in the user interface and the location is contextually consistent with the data generated by the second application (Specification, page 9, line 21 – page 10, line 7; page 12, lines 5-18, page 14, lines 9-23; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B). Independent claims 29 and 33 claim the invention as a computer readable medium and a system respectively.

Dependent claim 26 claims a limitation in which modifying data in the display buffer comprises: performing a pattern recognition operation on the data generated by the first application to create a layout; and forming an overlay with the layout and with predetermined information about a display corresponding to the user interface, the overlay used to determine placement of the data generated by the second application in the display (Specification, page 12, lines 5-18; page 14, lines 17-27). Claims 30 and 34 include the similar limitations.

Independent claim 37 claims a method including: reading raster data from a raster display buffer containing an image generated by a first application without cooperation of the first application at runtime(Specification, page 10, lines 2-7); performing a pattern

recognition on the image to generate a pattern (Specification, page 12, lines 7-11; page 14, lines 17-27; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B); applying predetermined information about the image with the pattern to determine a layout of the image; generating an overlay using the layout of the image (Specification, page 15, lines 8-14); and placing data generated by a second application on the overlay (Specification, page 12, lines 19-24; page 14, lines 7-14; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B).

Dependent claim 27 claims a limitation in which the layout comprises of grid cells corresponding to display areas in the user interface, and wherein the data generated by the second application is placed in the grid cells (Specification, page 15, lines 1-14). Claims 31 and 35 include the similar limitations.